

2:45 pm

April 22, 1992

6 pages

Bob,

I'm sorry that I have not gotten this off to you yet this week but things have been rather hectic. This a.m. David Young informed me that the Ambassador had authorized the third ARS position in Costa Rica. We have been assured that the embassy has no problems with Dan's TDY prior to a relocation, so he will be arriving tomorrow.

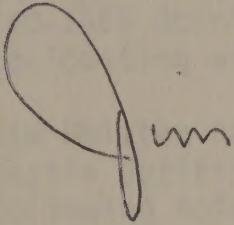
David Young will be gone Thursday and Friday but wishes to talk with Dan on Monday, Apr. 27. Please remind Dan of this. Probably some of the discussion will involve Dan's wishes as to location of housing.

Attached are agendas (which may or not be final) for the Costa Rica and Mexico meetings. Please see if you can make the following hotel reservations at the Corobici:

Whitten - May 12-14

Welch, J.; Bram, R.; Gersabeck, E.; Horn, F.; Onstad, C.;
Thomas, G.; Taylor, D. - May 13-14

All of the above - May 16



4/22/92 2:30 pm Dan has not had confirmation from Mexicana
that he will fly tomorrow. I will call Thursday to
let you know for sure. Billie



United States
Department of
Agriculture

Agricultural
Research
Service

National
Program
Staff

Beltsville, Maryland
20705

March 4, 1992

SUBJECT: Screwworm Research Planning Meetings

TO: C. J. Whitten, RL
Screwworm Research
Tuxtla Gutierrez, Mexico

G. D. Thomas, RL
Midwest Livestock Insects Laboratory
Lincoln, NE

FROM: R. A. Bram, NPL *R. A. Bram*
Medical & Veterinary Entomology and Parasitology

In accordance with our discussions, enclosed please find agendas for the informal follow-up workshop on screwworm ecology in the tropics and the broad overview of the ARS screwworm research program. Please ask scientists in your respective management units to prepare appropriate presentations. There is a good possibility that a scientist from the FAO-IAEA Joint Division will attend these meetings with the anticipation of co-locating with our laboratory in Costa Rica.

Jim Whitten has kindly assumed responsibility for local arrangements in Tuxtla Gutierrez, San Jose, Canas, and Mexico City. He will make the following hotel reservations:

Hotel Bristol, Mexico City, Distrito Federale
011-52-915-208-1717 or 533-6060

Hotel Coribici, San Jose, Costa Rica
011-98-506-32-8122; FAX 011-98-506-31-5834

Hacienda La Pacifica, Canas, Costa Rica
011-98-506-69-0050 or 69-0555

Hotel Arecas, Tuxtla Gutierrez, Chiapas, Mexico
011-52-961-32466 or 32467

FASTO information for Costa Rica is as follows:

1. Ministry of Agriculture (MAG)
2. Robert B. Matlock, Research Entomologist, ARS
011-98-506-79-9851
3. Hotel Coribici in San Jose and Hacienda La Pacifica in Canas
4. David Young, Agricultural Attache
011-98-506-20-3939

SCREWORM ECOLOGY IN THE TROPICS
An Informal Follow-up Workshop

May 15-16, 1992
Cañas, Costa Rica

AGENDA

<u>May 15 - am</u>	Travel from San José to Cañas	
<u>May 15 - pm</u>	Opening Statements	F. Horn R. Bram J. Whitten
	Current Status of Screwworm Ecology and Population Dynamics Including Palenology and ELISA Studies	F. Parker J. Whitten
	Current Status of Screwworm Attraction in the Field	D. Friese
	Current Status of Screwworm Modeling - Application - Development	J. Whitten R. Matlock
	Applications of Remote Sensing to the Understanding of Screwworm Population Dynamics	J. Welch
	Integration of Ecology, Attraction, Remote Sensing, and Modeling	Group
	Dinner in Cañas	All
<u>May 16 - am</u>	Program Needs in Ecology, Remote Sensing, and Modeling	E. Gersabeck
	Areas of Cooperation and Interaction	Group
	Resources and Priorities	Group
	Future Inter- and Intra-laboratory Cooperation	Group
	Summary	R. Bram
<u>May 16 - pm</u>	Travel from Cañas to San José	

Review of ARS Screwworm Research Program
May 19, 1992
Tuxtla Gutierrez, Mexico

AGENDA

9:00 am	Call to Order	R. Bram
	Opening Remarks	F. Horn
9:30 am	Programs at the Midwest Livestock Insects Laboratory	G. Thomas
	Screwworm Genetics and the Australian Experience	D. Taylor
11:00 am	Progress at Screwworm Research Laboratory, Tuxtla Gutierrez and Satellite Locations	J. Whitten
12:00 Noon	Lunch	
1:30 pm	Summary of Screwworm Ecology Meeting - Field Attraction - Modeling - Ecology - Remote Sensing	D. Friese R. Matlock F. Parker J. Welch
3:00 pm	Future Plans and Cooperative Arrangements Including Future Research Facilities	Group
4:00 pm	Summary	R. Bram

AGENDA

DEPARTMENT OF METHODS DEVELOPMENT AND THE
AGRICULTURAL RESEARCH SERVICE

SCREWWORM PRODUCTION FACILITY

CHIAPA DE CORZO, CHIAPAS MEXICO

May 20, 1992

09:00	Call to Order	Dr. Bram M.V.Z. Irastorza Dr. Wyss
09:10	Welcome	M.V.Z. Hernandez Dr. Hofmann
09:15	Current Status of the Eradication Program	Dr. Galvin M.V.Z. Javier S.
09:45	FAO Eradication Plans	Dr. Vargas
10:00	Introduction	I.B.Q. Courtols Dr. Ashley
10:25	Status of OW-87	Biol. Lopez M.V.Z. Hernandez Dr. Mackley
10:40	Strain Development and Maintenance	Dr. Whitten
10:55	Complete Larval Diet	Ing. Villalobos
11:19	Gelled Meridic Adult Diets	I.B.Q. Alvarez
11:25	Antibiotics in Larval Diet	I.B.Q. Jonapa Microb. Babilonia
11:40	Use of the ELISA Technique to Determine the Animal Food Hosts of Female Screwworms	Dr. Whitten
11:55	Use of the ELISA Technique to Determine the Field Effectiveness of Sterile Male Screwworms	Dr. Whitten
12:10	Potential Applications of remote sensing to screwworm eradication	Dr. Welch
12:25	Lunch	
13:10	Naked Pupation	Microb. Babilonia

13:25	Dosimetry	Ing. Cantu Microb. Babilonia
13:40	Refrigerated Pupa	Biol. Mictezuma Quim. Badillo
13:55	Status of Screwworm Genetics Research	Dr. Taylor
14:10	Screwworm Ecology and Attraction in the Tropics	Dr. Parker
14:25	Break	
14:40	Application of Models for Screwworm Population Dynamics	Dr. Whitten
14:55	Development and Refinement of a Life History Model for Screwworm Population Dynamics	Dr. Matlock
15:10	Future Plans of ARS	Dr. Whitten
15:25	Future Plans for Methods	I.B.Q. Courtois Dr. Ashley
15:40	Summary and Conclusions	Dr. Horn M.V.Z. Irastorza Dr. Wyss
16:00	Adjourn	Dr. Bram

AGENDA PARA LA JUNTA ANUAL DEL
DEPARTAMENTO DE INVESTIGACION
Y DESARROLLO EXPERIMENTAL Y
A.R.S. A CELEBRARSE EN LA
PLANTA PRODUCTORA DE MOSCAS
ESTERILES EN MAYO 20 DE 1992.

AGENDA FOR THE ANNUAL MEETING
OF THE RESEARCH AND
EXPERIMENTAL DEVELOPMENT
DEPARTMENT AND THE
AGRICULTURAL RESEARCH SERVICE
SCREWORM THAT WILL BE CARRIED
OUT IN THE PRODUCTION PLANT OF
STERILE FLIES ON MAY 20, 1992.

HORA
HOUR

ACTIVIDAD
ACTIVITY

PARTICIPANTES.
MEMBERS

08:30

APERTURA DE SESION
CALL TO ORDER

Dr. Ralph A. Bram
MVZ. José M. Irastorza Enrich
Dr. John H. Wyss
Dr. Floyd Horn
Dr. Ed Gersabeck

08:40

BIENVENIDA
WELCOME

MVZ. Luis Hernández
Grunemberger
Dr. Chris Hofmann

08:45

INTRODUCCION
INTRODUCTION

IBQ. Raquel Courtois Ruiz
Ent. Dale Maki

08:50

SITUACION ACTUAL DEL
PROGRAMA DE
ERRADICACION EN:
MEXICO, GUATEMALA,
BELICE, EL SALVADOR
Y HONDURAS.

MVZ. Javier Salazar de la G.
Dr. Thomas Galvin

CURRENT STATUS OF
THE ERADICATION
PROGRAM IN MEXICO,
GUATEMALA, BELIZE,
EL SALVADOR
AND HONDURAS.

09:20	ACTIVIDADES DE ERRADICACION DEL G.B.G. EN EL NORTE DE AFRICA	Dr. Donald Lindquist
	SCREWWORM ERADICATION ACTIVITIES IN NORTH AFRICA.	
09:50	SITUACION DE LA CEPA OW-87. PRODUCCION CONTROL DE CALIDAD	MVZ. Miguel Toledo Dr. Thomas Ashley Biol. Irene López
	STATUS OF THE STRAIN OW-87. PRODUCTION QUALITY CONTROL.	
10:05	SITUACION DE LA CEPA CR-91: PRODUCCION Y CONTROL DE CALIDAD.	Biol. Irene López I.B.Q. Alvarez
	STATUS OF THE STRAIN CR-91: PRODUCTION AND QUALITY CONTROL.	
10:20	DESARROLLO Y MANTENIMIENTO DE CEPAS.	Dr. James Whitten
	STRAIN DEVELOPMENT AND MAINTENANCE.	
10:35	R E C E S O B R E A K	

- 10:50 APLICACIONES DE
POTENCIALES REMOTOS
SENSORES PARA LA ERRADICACION
DEL G.B.G.
Dr. Welch
- POTENTIAL APPLICATIONS OF
REMOTE SENSING TO
SCREWORM ERADICATION.
- 11:10 DOSIFICACION DE
HUEVECILLOS.
Ing. Alfredo López Villalobos
- DOSIFICATION OF
EGGS.
- 11:25 EVALUACION DE
CHAROLAS PLASTICAS
PERFORADAS EN
MADURACION DE PUPA.
Biol. Reynaldo Moctezuma
- EVALUATION OF
PERFORATED PLASTIC
TRAYS IN THE PUPAE
MATURATION.
- 11:40 AVANCES EN LAS
INVESTIGACIONES
GENETICAS DEL G.B.G.
Dr. Taylor
- PROGRESS IN
SCREWORM GENETICS
RESEARCH.
- 12:00 EFECTOS DE HIPOXIA
EN PUPAS DE G.B.G.
Nutr. León.
- HYPOXIA EFFECTS IN
SCREWORM PUPAE.

12: 15	CAMARAS PARA MOSCA ALETARGADA EN CENTROAMERICA, Y CONTROL DE CALIDAD CHAMBERS FOR CHILLED FLY IN CENTRAL AMERICA, AND QUALITY CONTROL	Dr. Donald L. Bailey Dra. Concepcion Silva
12:30	C O M I D A L U N C H	
13:30	DISPERSION DE MOSCA ALETARGADA A TRES DIFERENTES ALTURAS. CHILLED FLY DISPERSAL AT THREE DIFFERENT ALTITUDES.	Ent. Dale Maki Lic. Villela
13:45	CAMARA PROTOTIPO DE LIBERACION PARA LA PRUEBA DE AGILIDAD DE VUELO. PROTOTYPE RELEASE CHAMBER FOR THE FLIGHT AGILITY TEST.	Microb. Erick Babilonia
14:00	ECOLOGIA Y ATRACCION DEL G.B.G. EN LOS TROPICOS. SCREWWORM ECOLOGY AND ATTRACTION IN THE TROPICS.	Dr. Franck Parker
14:15	APLICACION DE MODELOS PARA LA DINAMICA DE POBLACION DE G.B.G. APPLICATION OF MODELS FOR SCREWWORM POPULATION DYNAMICS.	Dr. James Whitten

- 14:30 DESARROLLO Y Dr. Matlock
PERFECCIONAMIENTO
DE UN MODELO DE
DINAMICA
POBLACIONAL DE
G.B.G.
- DEVELOPMENT AND
REFINEMENT OF A
LIFE HISTORY
MODEL FOR
SCREWORM
POPULATION
DYNAMICS.
- 14:45 USO DE LA TECNICA Dr. Welch
DE ELISA PARA
DETERMINAR LA
FUENTE
ALIMENTICIA EN
HEMBRAS DE G.B.G.
- USE OF THE ELISA
TECHNIQUE TO
DETERMINE THE
ANIMAL FOOD HOSTS
OF FEMALE
SCREWORMS.
- 15:00 USO DE LA TECNICA Dr. James Whitten
ELISA PARA
DETERMINAR LA
EFECTIVIDAD EN
CAMPO DE MACHOS
ESTERILES.
- USE OF THE ELISA
TECHNIQUE TO
DETERMINE THE
FIELD
EFFECTIVENESS OF
STERILE MALE
SCREWORMS.

15:15 RECESO
BREAK

15:25 PARAMETROS DE
CONTROL DE
CALIDAD DE LOS
ENVIOS DE PUPA AL
NORTE DE AFRICA.

Microb. Erick Babilonia
Biol Irena López
Quim. Badillo

QUALITY CONTROL
PARAMETERS OF THE
PUPAE SHIPMENTS
TO NORTH AFRICA.

15:40 AVANCES EN LA
CONSTRUCCION DE
LA PLANTA
PRODUCTORA.

Dr. Ed Gersabeck

PROGRESS IN THE
PRODUCTION PLANT
CONSTRUCTION.

15:55 PLANES FUTUROS DE
A.R.S.

Dr. James Whitten

A.R.S. FUTURE
PLANS.

16:10 PLANES FUTUROS DE
DESARROLLO DE
METODOS.

IBQ. Raquel Courtois
Ent. Dale Maki

METHODS DEVELOPMENT
FUTURE PLANS.

16:25

RESUMEN
CONCLUSIONES

Y

Dr. Ralph A. Bram
MVZ. Jose Miguel Irastorza
Enrich

SUMMARY
CONCLUSIONS.

AND

Dr. John H. Wyss
Dr. Onstad
Dr. Gersabeck

16:40

C L A U S U R A.
A D J O U R N.

Dr. Ralph A. Bram

SCREWWORM ECOLOGY IN THE TROPICS
An Informal Follow-up Workshop

May 15, 1992
Cañas, Costa Rica

AGENDA

Opening Statements	R. Bram J. Whitten
Current Status of Screwworm Ecology and Population Dynamics	F. Parker
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Applications of Remote Sensing to the Understanding of Screwworm Population Dynamics	J. Welch
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Program Needs in Ecology, Remote Sensing, and Modeling	Group
Integration of Ecology, Attraction, Remote Sensing, and Modeling	Group
Areas of Cooperation and Interaction	Group
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Future Inter- and Intra-laboratory Cooperation	Group
Summary	R. Bram

February 14, 1992

Ralph,

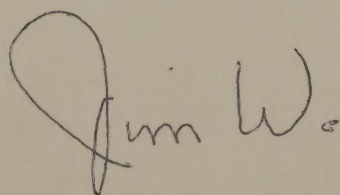
I recieved your FAX yesterday concerning a draft of the agendas for the planned ecology meeting in Costa Rica and the ARS meeting in Mexico. In a general way everything seems to be covered, however, we may want to further delineate the agenda for Costa Rica meeting later. For instance, the status and data from the two ELISA studies, that are either ongoing or proposed, should be presented under the ecology session. Also, we should have the pollen data available. I would envision the Costa Rica meeting being the most important in terms of planning for the next year, ie. the status of our position requested for Panama, the proposed sabbatical of Al Broce, etc.

With respect to the ARS/Methods Development meeting in Tuxtla, the following topics are suggested:

Matlock (30 min)	Development and refinement of a life history model for screwworm population dynamics
Parker (30 min)	Screwworm ecology and attraction in the tropics
Welch (15 min)	Potential applications of remote sensing to screwworm eradication
Welch (15 min)	Use of the ELISA technique to determine the animal food hosts of female screwworms
Whitten (15 min)	Strain development and maintenance
Whitten (15 min)	Use of the ELISA technique to determine the field effectiveness of sterile male screwworms

You will notice that Dan Friese is not included. I believe that his input is primarily applicable for the meeting in Costa Rica. Also, he is scheduled for supervisor training the week of the Mexico meetings. (We have already cancelled this training once and apparently this date is the only available date.)

Also, if possible, a time slot should be made available for any ARS cooperators (FAO, IAEA, etc.) to make a brief presentation at the Mexico meeting.

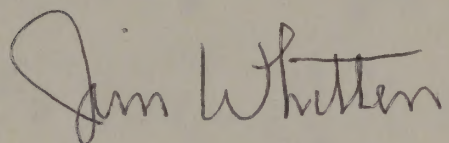


February 14, 1992

Ralph,

If possible, please amend the list of presentation titles submitted to you earlier today for the upcoming ARS/Methods Development meeting to include:

Whitten	Application of models for screwworm population
(15 min)	dynamics

A handwritten signature in cursive script, reading "Jim Whitten". The signature is written in dark ink on a light-colored, slightly textured paper.



United States
Department of
Agriculture

Agricultural
Research
Service

Southern Plains Area
Screwworm Research Laboratory
Tuxtla Gutierrez, Chiapas
Mexico

Fax Number:
Within Mexico (961) 307-67
International: 52 (961) 307-67

F A X T R A N S M I S S I O N

TO:

Dr. Ralph Bram

FROM:

Jim Whitten

SUBJECT:

ARS/MD Meeting

DATE:

2/14/92

REMARKS:

PAGES SENT INCLUDING THIS COVER SHEET:

2

IF THIS TRANSMISSION WAS NOT RECEIVED IN ITS ENTIRETY PLEASE
NOTIFY US IMMEDIATELY. TELEPHONE # (961) 3-35-50 WITHIN MEXICO
52 (961) 3-35-50 INTERNATIONAL

February 14, 1992

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U. S. Department of Agriculture
Agricultural Research Service
National Program Staff

FACSIMILE TRANSMISSION

Facsimile Number: FTS: 964-5467
COM: (301) 504-5467

FROM: Ralph A. Bram
National Program Leader
Medical & Veterinary Entomology
and Parasitology
BARC-West, Bldg. 005, Rm. 211
Beltsville, Maryland 20705
Phone: FTS: 964-5771
COM: (301) 504-5771

TO: ^{bec:}
Floyd Horn
Jim Whitten
Col Bersabeck

COMMENTS/INSTRUCTIONS: *See attached letter*
for information.

NUMBER OF PAGES (including cover page): 2

DATE: April 15, 1992



United States
Department of
Agriculture

Agricultural
Research
Service

National
Program
Staff

Beltsville, Maryland
20705

April 15, 1992

Dr. J. Miguel Irastorza E., Director General
Dr. John H. Wyss, Co-Director
Mexico-American Screwworm Eradication Commission
Apdo. Postal M-2890 Z.P.I.
Leibnitz No. 11, 3er Piso, Col. Anzures
Mexico, D.F. MEXICO

Gentlemen:

Thank you for your letter of April 3 (DG/JMI/111/92) suggesting that the date of the annual Screwworm Research and Methods Development Planning Meeting be changed to the week of May 25-29.

I am certainly sensitive to your scheduling conflicts resulting from the National Livestock Confederation General Meeting and we in the Agricultural Research Service (ARS) place great value on your participation in the research and development meeting. However, commitments by virtually all ARS participants for research planning activities in Costa Rica and other obligations make your proposed change extremely difficult, if not impossible. I, therefore, hope that you will understand our desire to keep May 20 as the actual date of the research and methods development planning meeting.

Sincerely

RALPH A. BRAM
National Program Leader
Medical & Veterinary Entomology
and Parasitology

